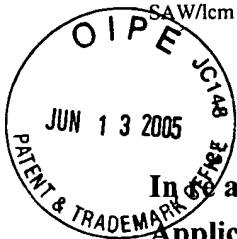


IFW

SAW/lcm 6/9/05 3382-67643-01 295355

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Mukerjee

Application No. 10/826,842

Filed: April 15, 2004

Confirmation No. 2077

For: PREDICTIVE LOSSLESS CODING OF  
IMAGE AND VIDEO

Examiner: To be assigned

Art Unit: 2621

Attorney Reference No. 3382-67643-01

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney  
for Applicant(s)

Date Mailed June 9, 2005

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

COMMISSIONER FOR PATENTS  
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ALEXANDRIA, VA 22313-1450

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicant respectfully requests that these documents be listed as references cited on the issued patent.

If the present application was filed after June 30, 2003, copies of United States patents and United States published patent applications do not have to be provided to the Patent Office. This requirement of 37 C.F.R. § 1.98(a)(2)(i) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on August 5, 2003 (1276 OG 55). Applicant will provide copies of such patents upon request.

Applicant filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS.

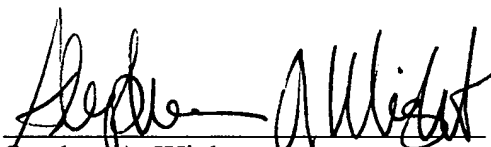
However, if the Patent Office determines that a fee is required for Applicant to file this IDS,

please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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cc: Docketing



# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Attorney Docket Number	3382-67643-01
Application Number	10/826,842
Filing Date	April 15, 2004
First Named Inventor	Mukerjee
Art Unit	2621
Examiner Name	To be assigned

## **U.S. PATENT DOCUMENTS**

NOTE: If this application was filed after June 30, 2003, copies of United States patents and United States published patent applications do not have to be provided to the Patent Office. This requirement of 37 C.F.R. § 1.98(a)(2)(i) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on August 5, 2003 (1276 OG 55).

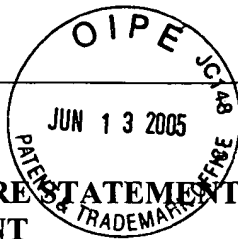
Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		2003202705	Oct. 30, 2003	Sun
		6,529,633	March 4, 2003	Payne <i>et al.</i>
		6,519,284	Feb. 11, 2003	Benetiere <i>et al.</i>

## **FOREIGN PATENT DOCUMENTS**

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		H. S. Malvar, "Fast Progressive Image Coding without Wavelets," pp. 243-252, <i>DCC</i> 2000, available at <a href="http://research.microsoft.com/users/malvar/#Publications">http://research.microsoft.com/users/malvar/#Publications</a>
		J. Shapiro, "Embedded image coding using zero trees of wavelet coefficients," <i>IEEE Transactions on Signal Processing</i> , vol. 41, no. 12, pp. 3445-3462, December 1993.
		Said and Pearlman, "A new fast and efficient image codec based on set partitioning in hierarchical trees," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 6, No. 6, pp. 243-250, June 1996.
		J. A. Robinson, "Efficient General-Purpose Image Compression with Binary Tree Predictive Coding," <i>IEEE Transactions on Image Processing</i> , Vol. 6, No. 4, April 1997.
		M. J. Weinberger and G. Seroussi, "The LOCO-I Lossless Image Compression Algorithm: Principles and Standardization into JPEG-LS," <i>IEEE Trans. Image Processing</i> , Vol. 9, pp. 1309-1324, August 2000.
		H. Malvar, "Fast progressive wavelet coding," <i>Proc. IEEE Data Compression Conference, Snowbird, UT</i> , pp. 336-343, Mar.-Apr. 1999, available at <a href="http://research.microsoft.com/users/malvar/#Publications">http://research.microsoft.com/users/malvar/#Publications</a> .

EXAMINER SIGNATURE:	DATE CONSIDERED:
* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.	



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/826,842
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First Named Inventor	Mukerjee
Art Unit	2621
Examiner Name	To be assigned

		H. Malvar, <i>Signal Processing with Lapped Transforms</i> . Boston, MA: Artech House, 1992, Chapter 6.
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		U. Bayazit and W. A. Pearlman, "Algorithmic Modifications to SPIHT," <i>IEEE Int. Conf. on Image Processing (ICIP 2001)</i> , Thessaloniki, Greece., Oct. 2001.
		D. Taubman and A. Zakhor, "Multirate 3-D subband coding of video," <i>IEEE Trans. on Image Proc.</i> , vol. 3, no. 5, pp. 572-588, Sept. 1994.

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